



1/8

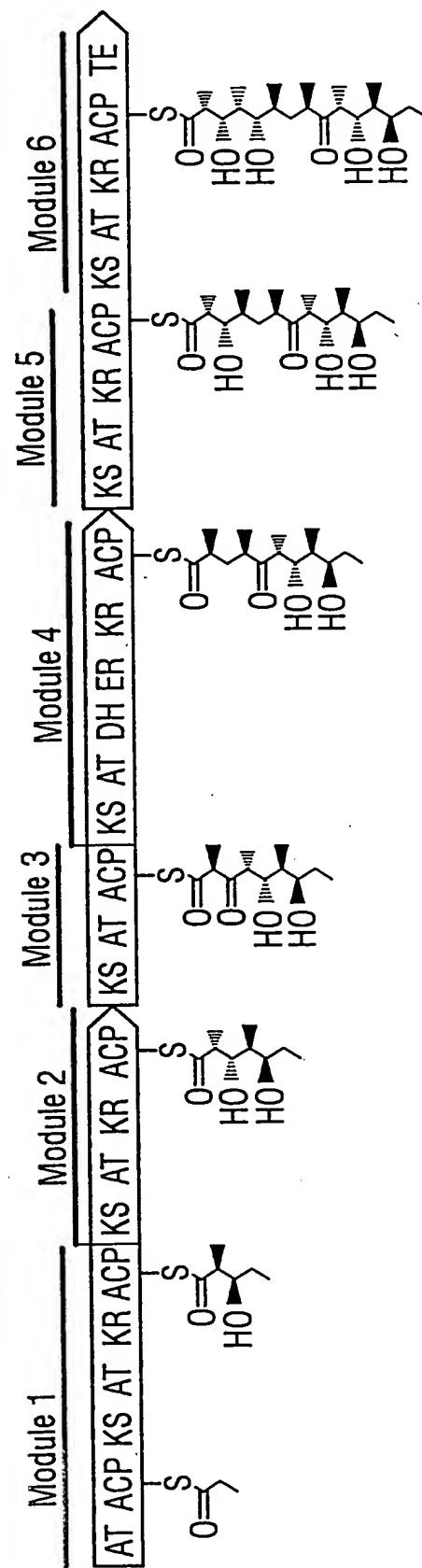
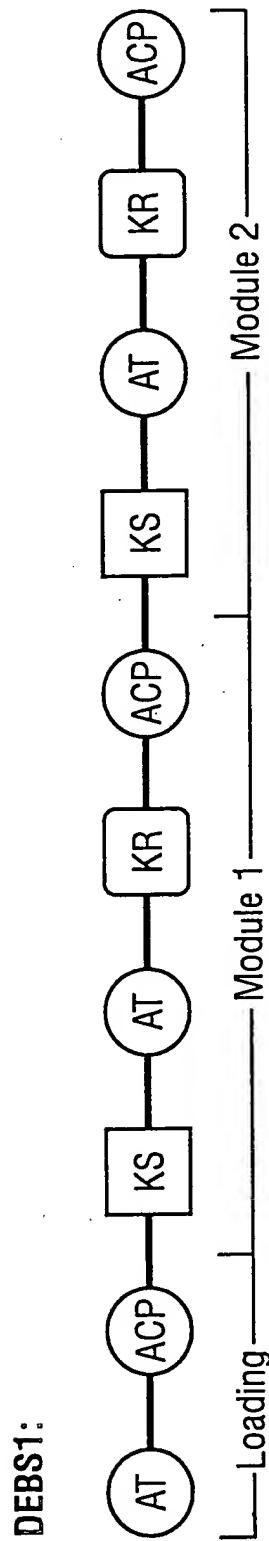


FIG. 1



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Generic Modular PKS:

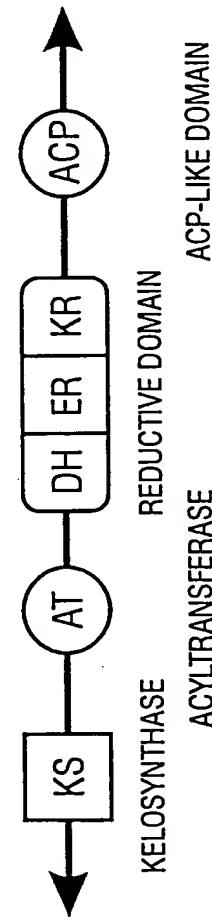


FIG. 2



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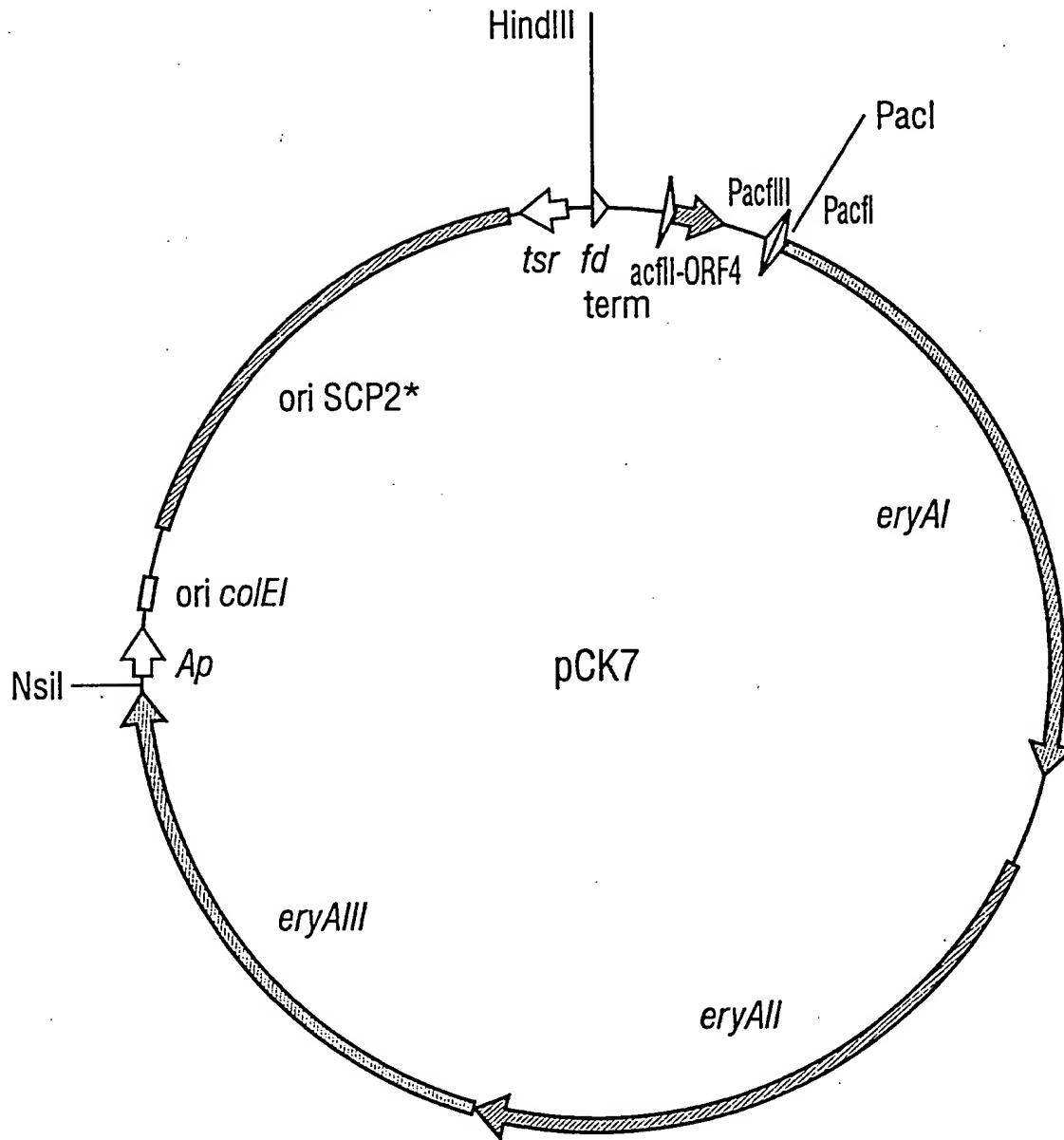


FIG. 3



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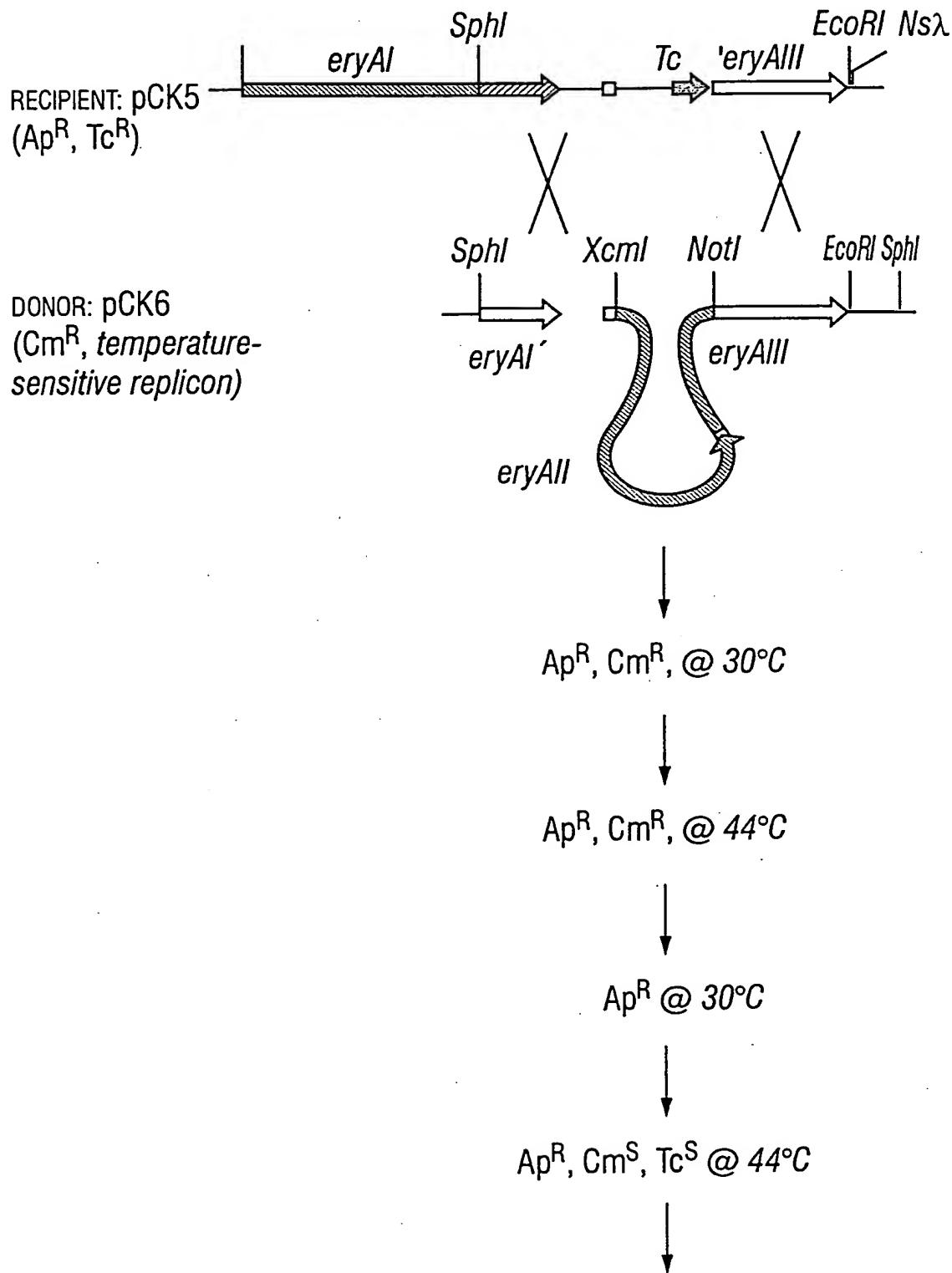
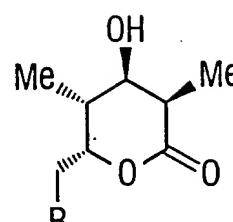


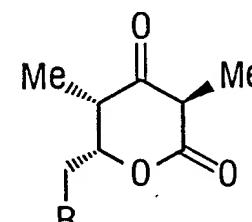
FIG. 4



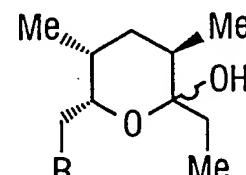
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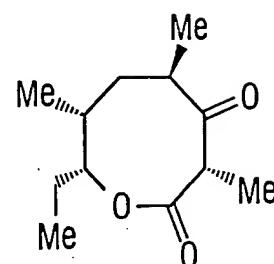
392A: $R=Me$
392B: $R=H$



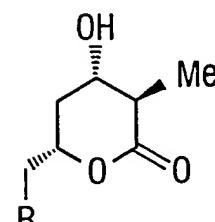
5-4A: $R=Me$
5-4B: $R=H$



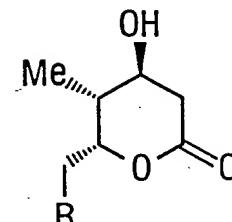
410A: $R=Me$
410B: $R=H$



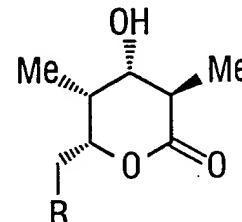
410C



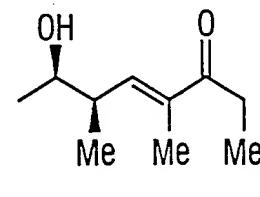
1-28A: $R=Me$
1-28B: $R=H$



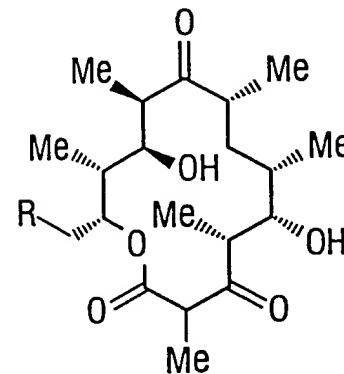
8-51A: $R=Me$
8-51B: $R=H$



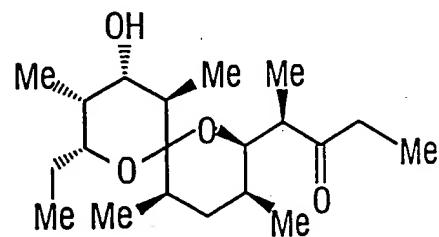
CK12A: $R=Me$
CK12B: $R=H$



9-7A: $R=Me$
9-7B: $R=H$



11-13A: $R=Me$
11-13B: $R=H$

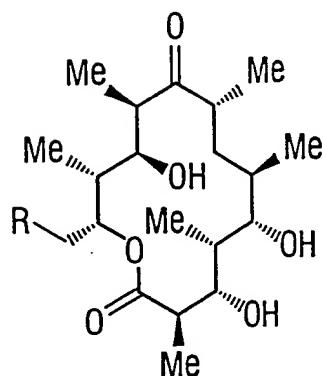


11-13C

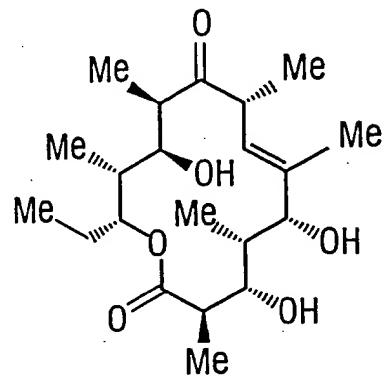
FIG. 5A



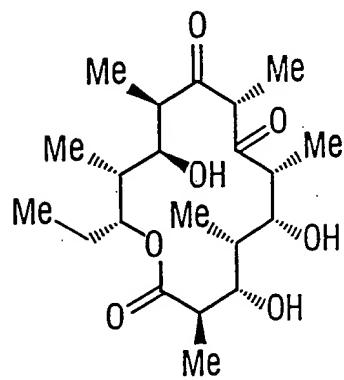
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11-19A



11-21A



11-22A

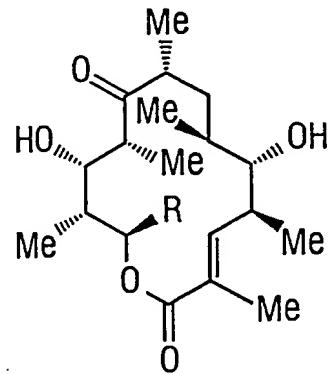
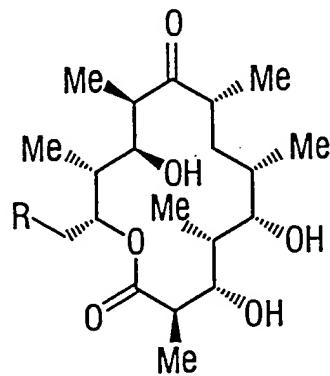
11-25A: R=Et
11-25B: R=MeCK7A: R=Me
CK7B: R=H

FIG. 5B

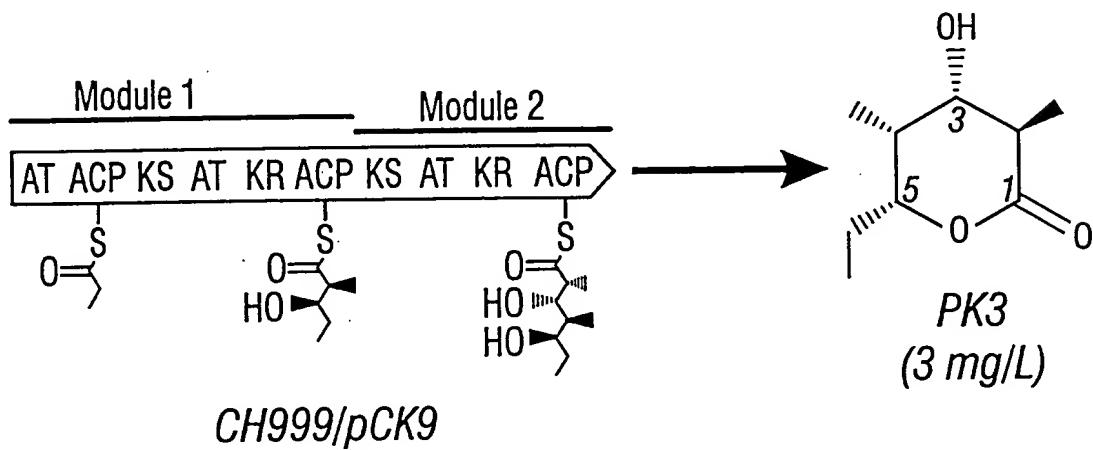


FIG. 6A

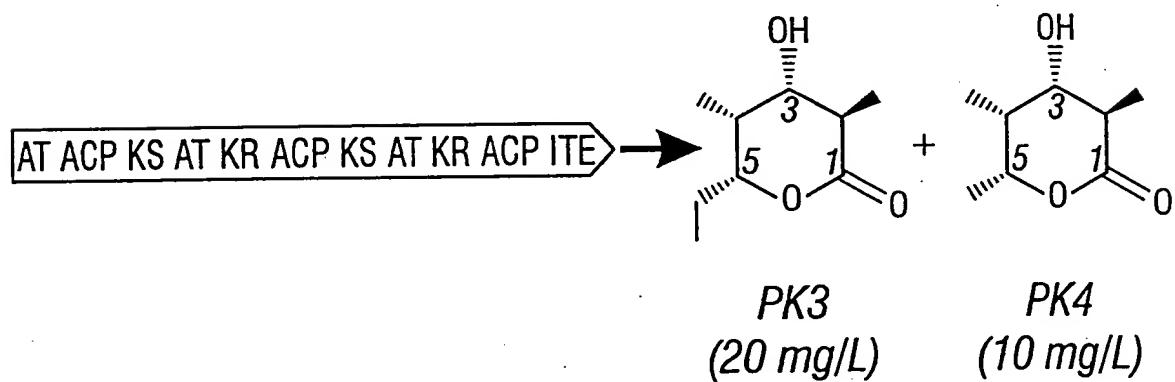


FIG. 6B



App No.: To be Assigned
 Inventor: Chaitan KHOSLA, et al.
 Title: COMBINATORIAL POLYKETIDE LIBRARIES
 PRODUCED USING A MODULAR PKS GENE CLUSTER AS
 SCAFFOLD

Docket No.: 300622000509

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